

Customer No.: 31561
Application No.: 10/064,880
Docket No.: 8819-US-PA

REMARKS

Present Status of the Application

The withdrawn of claims 1-6 and 18-20 and the election of claims 7-17 and 21-31 according to the restriction requirement are acknowledged. Further, the Office Action rejected claims 7-17 and 21-31 under 35 U.S.C. §112, second paragraph, as being incomplete for emitting essential steps. Reconsideration and allowance of those claims is respectfully requested.

Discussion of Office Action Rejections

Response to Claims Rejections under 35 USC § 112

Claims 7-17 and 21-31 under 35 U.S.C. §112, second paragraph, as being incomplete for emitting essential steps.

In response thereto, Applicants would like to thank the Examiner of pointing out the issues of claims 7 and 21.

The amendment in claim 7 is described in the following:

“placing a crystal seed into the melting zone of the long crucible;
pull-growing a crystal body after the crystal ~~body~~ seed is melted; and“

The amendment in claim 21 is described in the following:

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“placing a crystal seed in the zone stuff of the long crucible;
pull-growing a crystal body after the crystal ~~body~~ seed is melted; and”

The amendments of claims 7 and 21 are according to paragraph [0038], lines 1-3 and paragraph [0044], lines 1-4, as described below.

[0038] A crystal seed 422 is placed in the crystal pulling system 412 and dipped into the zone stuff of the melting zone 414. The seed 422 is pulled up and rotated at a constant speed to grow a crystal body 424,

[0044] The crystal seed 422 is dipped in the zone stuff in the melting zone by means of a crystal pulling system (step 510). After the crystal seed is melted, the crystal pulling system 412 pulls the crystal seed up while rotating the crystal seed to grow a crystal body (step 512).

Moreover, figures 1-3 are amended by designating as the “Prior Art”.

It is believed that the foregoing amendments added no new matter to the present application. Applicants believe that these amendments place the claims in condition for allowance. Reconsideration and allowance of the application and presently pending claims are respectfully requested.

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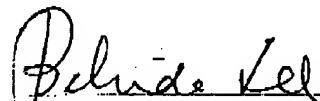
CONCLUSION

For at least the foregoing reasons, it is believed that all pending claims 7-17 and 21-31 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Respectfully submitted,

Date :

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